

Generating Unique System IDs (SIDs) after Disk Duplication using Altiris Deployment Solution



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Introduction

Altiris Deployment Solution uses a program called Altiris Rapideploy for image deployment. Upon image deployment, a unique System ID (SID) must be created for each NT (in this case XPe) based machine to prevent security vulnerabilities. To accomplish this a utility called SIDGen is also provided with Deployment Solution that can be installed on the thin client with the Deployment Solution agent, Aclient. This document outlines the steps to install SIDGen on an XPe based thin client and handle the Microsoft Enhanced Write Filter (EWF) correctly. Future Windows XP Embedded images for the HP Compaq t5000 thin client series will include the SIDGen utility preinstalled.

Installing SIDGen on an XPe-based HP Compaq t5000 Thin Client

The following steps show the correct procedure for installing Altiris SIDGen on an XPe-based t5000 series thin client. Once these steps have been completed, any Deployment Solution Capture or Deploy image job will automatically create a unique SID on the target unit.

1. Install Altiris Deployment Solution 6.1 SP1 Hotfix C from the following location:

<http://www.altiris.com/hptc>.

NOTE: The Hotfix mentioned above is not included with the full Altiris Deployment Solution 6.1 SP1 download. Please go the Updates and Hotfixes page to obtain the latest Hotfix which will update your agent and SIDGen to the latest builds.

2. Right Click in Job window of Deployment console and choose New Job.
3. Enter a name for the Job, such as Deploy SIDGen.
4. Select **Add > Run Script** in the upper right corner of the job window.
5. Type "ewfmgr c: -disable" in the script window and check the radial button indicating the script must be run in Windows. Click OK.
6. Select **Add >Power Control** in the upper right corner of the job window.
7. Check the radial buttons for Restart and Force Applications closed. Click OK.
8. Select **Add > Copy File To** in the upper right corner of the job window.
9. Enter the source and destination of SIDGen.exe and the click OK.

NOTE: The default source path is c:\Program Files\Altiris\express\Deployment Server\SIDGen.exe and the default destination path on the thin client is c:\Program Files\Altiris\Aclient\SIDGen.exe.

10. Select **Add > Run Script** in the upper right corner of the job window.
11. Type ewfmgr c: -enable in the script window and check the radial button indicating the script must be run in Windows. Click OK.
12. Select **Add > Power Control** in the upper right corner of the job window.
13. Check the radial buttons for Restart and Force Applications closed. Click OK.

14. Drag-and-drop this newly created backup job to the selected machine. A Schedule Computer Job screen appears with the following three options:

- Do Not Schedule
- Run this Job Immediately
- Schedule this job

15. Select an option and click OK.

Once these steps have been completed, SIDGEN will automatically execute after any future Rapideploy Imaging Job. Please note the program will execute after the Post Configuration Task and will add an extra reboot to the imaging process.

Executing Altiris SIDGen Utility

The Altiris SIDGen utility can be executed in several different ways. The most common execution is to allow the utility to run silently within a Deployment Solution imaging job. If the SIDGen utility is present in the same folder as the Aclient on the client, it will automatically execute during the Post Configuration Task without user interaction or knowledge. This method should be used with Deployment Solution 6.1 SP1 Hotfix C which resolves cleanup failures.

SIDGen can also be executed through a command line or just by double-clicking the icon anytime the user wishes to generate a unique SID.

For more information

For additional HP Compaq t5000 thin clients information, please refer to the following:

http://h18004.www1.hp.com/products/thinclients/index_t5000.html

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